



3/17/05

STIC Search Report

EIC 2800

STIC Database Tracking Number 147138

TO: Mark Consilvio
AU 2872
Location: JEF-3C21
3/18/05
09/874,026

From: Jeff Harrison
Location: STIC-EIC2800
JEF-4B68
Phone: 22511
Email: harrison, jeff

Search Notes

Re: Equatorial tracking telescope platform and bearing

Attached are the edited search results from searching nonpatent literature databases and the WWW, and also citation-searching in Derwent Patents Citation Index

The stack is big because I included some full articles.
The search histories are stacked on top of the legal-size sheet.
The results are behind the legal-size sheet.

I recommend that you browse the results. See at least the tagged items. I'm not sure I found anything close that is older than the priority date of 6/6/01.

Based on this, if you have questions or comments, let me know.

Respectfully,
Jeff Harrison

A handwritten signature in black ink that reads "Jeff".



STIC Search Results Feedback Form

3

EIC 2800

Questions about the scope or the results of the search? Contact **the EIC searcher or contact:**

Jeff Harrison, EIC 2800 Team Leader
571-272-2511, JEF 4B68

Voluntary Results Feedback Form

➤ *I am an examiner in Workgroup:* *Example: 2810*

➤ *Relevant prior art found, search results used as follows:*

- 102 rejection
- 103 rejection
- Cited as being of interest.
- Helped examiner better understand the invention.
- Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- Foreign Patent(s)
- Non-Patent Literature
(journal articles, conference proceedings, new product announcements etc.)

➤ *Relevant prior art not found:*

- Results verified the lack of relevant prior art (helped determine patentability).
- Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to STIC/EIC2800, CP4-9C18



3/17/05

File 342:Derwent Patents Citation Indx 1978-05/200515
 (c) 2005 Thomson Derwent

Set	Items	Description
S1	2758	RF=COX
S2	32	RF=SINNOTT
S3	2355	RF=SHAW
S4	23	RF=ELLS
S5	6	RF=USELTON
S6	19	RF=PONCET
S7	0	RF=DOBSONIAN
S8	124	RF=DODSON
S9	35	RF=SHUMAKER
S10	2	RF=BAETENS
S11	0	RF=KINNET
S12	4245	RF=BEARING??
S13	0	RF=SUBBEARING??
S14	0	SUBBEARING??
S15	59646	BEARING??
S16	116	S1:S10 AND S12
S17	10	S1:S10 AND S15
S18	0	16AND17
S19	0	S16:S17 AND TELESCOP???
S20	14650	TELESCOP???
S21	580	RF=TELESCOP???
S22	279	S1:S17 AND S20
S23	56	S1:S17 AND S21
S24	271	S12:S15 AND S22
S25	20	S12:S15 AND S23
S26	271	S12:S15 AND S20
S27	20	S12:S15 AND S21
S28	19	S1:S27 AND EQUATOR???????
S29	1344	S1:S27 AND TRACK???????
S30	6	S1:S27 AND LATITUD???????
S31	5	S1:S27 AND RF=LATITUD???????
S32	248	S1:S27 AND RF=TRACK???????
S33	3	S1:S27 AND RF=EQUATOR???????
S34	1	28AND29
S35	0	28AND30
S36	0	S28 AND S31:S33
S37	35	S29 AND S30:S33
S38	0	S30 AND S31:S33
S39	0	S31 AND S32:S33
S40	140	AU=SHAW C?
S41	8	AU=SINNOTT R?
S42	9	S1:S39 AND S40:S41
S43	1493	S12:S17 AND S19:S42
S44	5	S1:S11 AND S43
S45	101	TELESCOP?? AND RF=TELESCOP??
S46	11	S1:S19 AND S45
	2050	S22:S44
	101	S45
S47	15	S22:S44 AND S45
? s s46:s47		
S48	15	S46:S47
S49	7	S48 AND (SUPPORT?????? OR TRACK?????? OR EQUATOR???????)
? map pn		

SearchSave "SF10105221" stored
 3 Select Statement(s), 20 Search Term(s)
 SearchSave SF10105221

1 SearchSaves, 20 Search Term(s)
 ? b 350

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200518
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Set	Items	Description
S1	7	S1:S2

17mar05 18:26:06 User259284 Session D3124.2

SYSTEM:OS - DIALOG OneSearch

File 2:INSPEC 1969-2005/Mar W1
 (c) 2005 Institution of Electrical Engineers

File 29:Meteor.& Geoastro.Abs. 1970-2002/Jul
 (c) 2002 Amer.Meteorological Soc.

*File 29: This file is closed (no updates).

File 58:GeoArchive 1974-2005/Jan
 (c) 2005 Geosystems

File 62:SPIN(R) 1975-2004/Dec W4
 (c) 2005 American Institute of Physics

File 89:GeoRef 1785-2005/Feb B2
 (c) 2005 American Geological Institute

*File 89: Please see HELP ALERTALL for new Alert frequency and
 price. Please see HELP RATES 89 for new Academic Subscriber rates.

File 94:JICST-EPlus 1985-2005/Jan W5
 (c) 2005 Japan Science and Tech Corp(JST)

File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Feb
 (c) 2005 The HW Wilson Co.

File 105:AESIS 1851-2001/Jul
 (c) 2001 Australian Mineral Foundation Inc

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File 144:Pascal 1973-2005/Mar W1
 (c) 2005 INIST/CNRS

File 292:GEOBASE(TM) 1980-2005/Jan B3
 (c) 2005 Elsevier Science Ltd.

File 6:NTIS 1964-2005/Mar W1
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File 8:Ei Compendex(R) 1970-2005/Mar W1
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File 34:SciSearch(R) Cited Ref Sci 1990-2005/Mar W2
 (c) 2005 Inst for Sci Info

File 35:Dissertation Abs Online 1861-2005/Feb
 (c) 2005 ProQuest Info&Learning

File 65:Inside Conferences 1993-2005/Mar W2
 (c) 2005 BLDSC all rts. reserv.

File 118:ICONDA-Intl Construction 1976-2005/Feb
 (c) 2005 Fraunhofer-IRB

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
 (c) 1998 Inst for Sci Info

Set	Items	Description
S1	135949	TELESCOPE? ?
S2	634	S1 AND BEARING???
S3	1776	S1 AND EQUATOR?????????
S4	1300	S1 AND PLATFORM??
S5	7220	S1 AND EARTH??
S6	556	S1 AND CONTOUR????
S7	3133	S1 AND LATITUD??????
S8	0	S1 AND MULTILATITUD???????
S9	0	2AND3AND4AND5
S10	2	2AND3AND4
S11	0	2AND3AND6
S12	7	2AND7
S13	98	LATITUD? AND BEARING? AND EQUATOR?
S14	9	S13 AND PLATFORM?
S15	1	S13 AND TRACK?
S16	4528	S1 AND TRACK?????
S17	887	S2:S7 AND S16
S18	1	2AND3AND17
S19	8	2AND4AND17
S20	5	2AND5AND17
S21	0	2AND6AND17
S22	0	2AND7AND17

S23. 24 3AND7AND17
S24. 1 3AND6AND17
S25. 15 3AND5AND17
S26. 1 3AND4AND17
S27. 27 5AND4AND17
S28. 0 6AND4AND17
S29. 0 7AND4AND17
S30. 34 S10:S12 OR S14:S15 OR S18:S20 OR S24 OR S26
S31. 3 23AND25
S32. 0 23AND27
S33. 1 25AND27
S34. 37 S30:S33
S35. 31 RD S34 (unique items)
S36. 4 S35 AND (SEGMENT????? OR CONTOUR????? OR RADIAL????? OR RAD-
IUS??? OR RADII)
S37. 10455 LATITUD????????? (8N) (TRACK????? OR EQUATOR????)
S38. 213 S1:S35 AND S37
S39. 131 RD S38 (unique items)
S40. 130 S39 NOT S36
S41. 0 S40 AND UNDERSIDE
S42. 0 S40 AND UNDER() SIDE
S43. 2 S40 AND BLOCK
S44. 0 MECHANICAL????? AND S40
S45. 3231 S1 AND MECHANICAL????
S46. 657 S2:S40 AND S45
S47. 107 S46 AND BEARING??
S48. 242 S46 AND TRACK??????
S49. 20 S46 AND EQUATOR??????
S50. 7 S46 AND LATITUD??????
S51. 0 47AND48AND49
S52. 10 47AND48
S53. 0 47AND49
S54. 7 48AND49
S55. 17 S52:S54
S56. 13 RD S55 (unique items)
S57. 13 S36 OR S50 OR S43
S58. 11 S56 NOT S57
S59. 86 PONCET
S60. 0 DOBSIONAN
S61. 8 DOBSONIAN
S62. 1 S1:S50 AND S59
S63. 31 AU=SHAW CHARLES?
S64. 40 AU=SHAW, CHARLES?
S65. 2 AU=SHAW, CHUCK??
S66. 0 AU=SHAW CHUCK??
S67. 3155 AU=SHAW C?
S68. 1193 AU=SHAW, C?
S69. 0 S63:S68 AND DOBSONIAN?
S70. 0 S63:S68 AND PONCET
S71. 22 S63:S68 AND BEARING??
S72. 0 S63:S68 AND SUBBEARING??
S73. 13 RD S71 (unique items)

3/17/05

SYSTEM:OS - DIALOG OneSearch

File 610:Business Wire 1999-2005/Mar 17

(c) 2005 Business Wire.

*File 610: File 610 now contains data from 3/99 forward.

Archive data (1986-2/99) is available in File 810.

File 613:PR Newswire 1999-2005/Mar 17

(c) 2005 PR Newswire Association Inc

*File 613: File 613 now contains data from 5/99 forward.

Archive data (1987-4/99) is available in File 813.

File 621:Gale Group New Prod.Annou.(R) 1985-2005/Mar 17

(c) 2005 The Gale Group

File 649:Gale Group Newswire ASAP(TM) 2005/Mar 09

(c) 2005 The Gale Group

File 810:Business Wire 1986-1999/Feb 28

(c) 1999 Business Wire

File 813:PR Newswire 1987-1999/Apr 30

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File 9:Business & Industry(R) Jul/1994-2005/Mar 16

(c) 2005 The Gale Group

File 16:Gale Group PROMT(R) 1990-2005/Mar 17

(c) 2005 The Gale Group

*File 16: Alert feature enhanced for multiple files, duplicate removal, customized scheduling. See HELP ALERT.

File 47:Gale Group Magazine DB(TM) 1959-2005/Mar 17

(c) 2005 The Gale group

File 80:TGG Aerospace/Def.Mkts(R) 1982-2005/Mar 17

(c) 2005 The Gale Group

File 93:TableBase(R) Sep 1997-2005/Mar W1

(c) 2005 The Gale Group

File 111:TGG Natl.Newspaper Index(SM) 1979-2005/Mar 16

(c) 2005 The Gale Group

File 112:UBM Industry News 1998-2004/Jan 27

(c) 2004 United Business Media

File 116:Brands & Their Companies 2005/Jan

(c) 2005 Gale Research Inc.

File 141:Readers Guide 1983-2005/Dec

(c) 2005 The HW Wilson Co

File 148:Gale Group Trade & Industry DB 1976-2005/Mar 17

(c) 2005 The Gale Group

*File 148: Alert feature enhanced for multiple files, duplicate removal, customized scheduling. See HELP ALERT.

File 149:TGG Health&Wellness DB(SM) 1976-2005/Mar W1

(c) 2005 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989

(c) 1999 The Gale Group

File 177:Adv. & Agency Red Books:Advertisers 2005/Mar

(c) 2005 Reed Elsevier Inc

File 178:Adv. & Agency Red Books:Agencies 2005/Mar

(c) 2005 Reed Elsevier Inc

File 188:Health Devices Sourcebook 2004

ECRI (A nonprofit agency)

File 198:Health Devices Alerts(R) 1977-2005/Feb W1

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File 211:Gale Group Newsearch(TM) 2005/Mar 17

(c) 2005 The Gale Group

File 256:TecInfoSource 82-2005/Feb

(c) 2005 Info.Sources Inc

File 275:Gale Group Computer DB(TM) 1983-2005/Mar 17

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File 481:DELPHES Eur Bus 95-2005/Mar W2

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File 484:Periodical Abs Plustext 1986-2005/Mar W2

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 File 573:Piers Imports(US Ports) 2005/Mar W2
 (c) 2005 Commonwealth Bus. Media
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
 (c) 2002 The Gale Group
 *File 583: This file is no longer updating as of 12-13-2002.
 File 584:KOMPASS USA 2005/Mar
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 File 585:KOMPASS Middle East/Africa/Mediterr 2005/Jan
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 File 586:KOMPASS Latin America 2005/Mar
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 File 593:KOMPASS Central/Eastern Europe 2005/Mar
 (c) 2005 KOMPASS Intl.
 File 609:Bridge World Markets 2000-2001/Oct 01
 (c) 2001 Bridge
 *File 609: This file is closed...
 File 636:Gale Group Newsletter DB(TM) 1987-2005/Mar 17
 (c) 2005 The Gale Group
 File 646:Consumer Reports 1982-2005/Mar
 (c) 2005 Consumer Union
 File 647:CMPI Computer Fulltext 1988-2005/Feb W4
 (c) 2005 CMPI Media, LLC
 File 20:Dialog Global Reporter 1997-2005/Mar 17
 (c) 2005 The Dialog Corp.

Set	Items	Description
S1	1451	DOBSONIAN OR PONCET
S2	0	AU=SHAW C?
S3	494	AU=SHAW, C?
S4	1	1AND3
S5	7	AU=SHAW, CHUCK?
S6	6	S5 NOT S4
S7	79	LATITUD???????? AND S1
S8	0	MULTILATITUD???????? AND S1
S9	3	MULTILATITUD????????
S10	2	RD S9 (unique items)
S11	35	S7 AND EQUATOR????????
S12	31	S7 AND TRACK????????
S13	16	S7 AND BEARING??
S14	56	S7 AND (MOUNT???? OR SUBMOUNT???????)
S15	10	S7 AND PLATFORM??
S16	23	11AND12
S17	14	11AND13
S18	31	11AND14
S19	8	11AND15
S20	10	12AND13
S21	28	12AND14
S22	6	12AND15
S23	5	13AND14AND15
S24	10	11AND12AND13
S25	23	11AND12AND14
S26	6	11AND12AND15
S27	16	13AND14
S28	3	12AND13AND14AND15
S29	16	S13 AND S12:S13
S30	14	S13 AND S11:S12
S31	16	S13 AND S14:S14
S32	38	S10:S15 AND S16:S31

S33 29 RD S32 (unique items)
S34 0 S33 AND CONTOUR??????
S35 11 S33 AND TABLE??
S36 123 (TELESCOPE?? OR JN=SKY?) AND (MOUNT????? OR SUBMOUNT?????) -
 (10N) BEARING??
S37 15 S36 AND LATITUD?????????
S38 36 S36 AND EQUATOR??????
S39 20 S36 AND HING??????
S40 75 S36 AND ADJUST??????
S41 8 37AND38
S42 4 37AND39
S43 9 37AND40
S44 7 38AND39
S45 22 38AND40
S46 19 39AND40
S47 54 S8:S46 AND ROLL??????
S48 36 S36:S46 AND S47
S49 30 RD S48 (unique items)
S50 29 S49 NOT S35
S51 3 S50 AND LATITUD?????????
S52 26 CONTOUR?????? AND S1:S50
S53 22 RD S52 (unique items)
S54 21 S53 NOT (S51 OR S35)
S55 15 S54 AND BEARING??
S56 5 S54 AND PLATFORM??
S57 5 S54 AND EQUATOR??????
S58 9 S54 AND HING??????
S59 14 S54 AND ADJUST??????
S60 15 S54 AND (MOUNT????? OR SUBMOUNT?????)
S61 12 55AND59
S62 15 55AND60
S63 12 59AND60
S64 17 S55:S63
? logoff

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E1 1 US2004218265/PN
E2 1 US2004218266/PN
E3 1 --> US2004218267/PN
E4 1 US2004218268/PN
E5 1 US2004218269/PN
E6 1 US2004218270/PN
E7 2 US2004218271/PN
E8 1 US2004218272/PN
E9 1 US2004218273/PN

=> s e3
L1 1 US2004218267/PN